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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HENNING UHLENHUT	01/12/2009
UWE BLUMLING	01/12/2009
KLAUS ANDERSSON	01/12/2009
BERND DOBLING	01/13/2009
MICHAEL SVEC	01/20/2009
KARL-HERMANN BUCHNER	01/20/2009

RECEIVING PARTY DATA

Name:	H.C. STARCK GMBH	
Street Address:	IM SCHLEEKE 78-91	
City:	GOSLAR	
State/Country:	GERMANY	
Postal Code:	38642	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15263602	

CORRESPONDENCE DATA

Fax Number: (202)739-3001

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 617-951-8525

patents@morganlewis.com, debra.gilbride@morganlewis.com Email:

MATTHEW THOMAS CURRIE **Correspondent Name:** Address Line 1: MORGAN, LEWIS & BOCKIUS LLP Address Line 2: 1111 PENNSYLVANIA AVE, N.W.

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	HCS-080C1/107501-5204
NAME OF SUBMITTER:	MATTHEW T. CURRIE
SIGNATURE:	/Matthew T. Currie/
DATE SIGNED:	07/10/2019

PATENT REEL: 049711 FRAME: 0726

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Total Attachments: 3

source=Assignment #1 from inventors to H.C. Starck GmbH (signed)#page1.tif source=Assignment #1 from inventors to H.C. Starck GmbH (signed)#page2.tif source=Assignment #1 from inventors to H.C. Starck GmbH (signed)#page3.tif

PATENT REEL: 049711 FRAME: 0727

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this day of,, by
Henning Uhlenhut; Uwe Blümling; Klaus Andersson; Bernd Döbling; Michael Svec; and Karl-
Hermann Buchner (hereinafter referred to as Assignors), residing at Quergasse 6, 07743 Jena,
GERMANY; Alte Bierstr. 20, 07639 Tautenheim, GERMANY; Neustädter Str. 30, 07768
Kahla, GERMANY; Feldgasse 9, 07907 Schleiz, ĞERMANY; Hutschenreuther Str. 9, 95173
Schönwald, GERMANY; and Münsterweg 47, 95032 Hof, GERMANY, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in PROCESS FOR PRODUCING SHAPED REFRACTORY METAL BODIES, set forth in a Patent application for which an International Application was filed on June 18, 2007, PCT/EP2007/055986, designating the United States; and

WHEREAS, H.C. Starck GmbH, a Corporation organized under and pursuant to the laws of Germany having its principal place of business at Im Schleeke 78-91, 38642 Goslar, GERMANY (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

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same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

PATENT REEL: 049711 FRAME: 0729 with the rules of the United States Patent and Trademark Office for recordation of this document:

CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 23416

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 472.01.09	Signature: Hen	ning Uhlenhut
Date: \(\langle \lang	Signature: Uw	水では一人 Blümling
Date: 12 JAN 2000	Signature:	
Date: 1301.269	Signature: Ben	nd Döbling
Date: <u>20.04.2009</u>	Signature:	hael Svec
Date: 20.012009	Signature: Kar	I-Hermann Buchner

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RECORDED: 07/10/2019